



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/717,838

11/20/2003

Brian Stanley Locke

ENB-006RCE2

8559

959 7590 06/23/2009

LAHIVE & COCKFIELD, LLP
FLOOR 30, SUITE 3000
ONE POST OFFICE SQUARE
BOSTON, MA 02109

EXAMINER

WIENER, ERIC A

ART UNIT

PAPER NUMBER

2179

MAIL DATE

DELIVERY MODE

06/23/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/717,838	Applicant(s) LOCKE ET AL.	
	Examiner Eric Wiener	Art Unit 2179	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 April 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,4,6,8-12,14,16,18-23,25,27 and 29-33 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,4,6,8-12,14,16,18-23,25,27 and 29-33 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 4/9/2009 has been entered.

2. Claims 1, 2, 4, 6, 8-12, 14, 16, 18-23, 25, 27 and 29-33 are pending. Claims 32 and 33 are new. Claims 1, 11, 21, and 22 are the independent claims. Claims 1, 11, 14, 16, 18, 21, 22, 25, 27, and 29 are the amended claims. Claims 3, 5, 7, 13, 15, 17, 24, 26, and 28 have been cancelled. Claims 1, 2, 4, 6, 8-12, 14, 16, 18-23, 25, 27 and 29-33 have been rejected by the Examiner.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various

Art Unit: 2179

claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

5. Claims 1, 2, 4, 6, 8-12, 14, 16, 18-23, 25, 27 and 29-33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Messinger et al. (US 7,000,187 B2) in view of Bach et al. (US 6,128,622) and further in view of Botscheck et al. (US 7,340,679 B2).

As per independent claim 1, Messinger discloses *a system for assisting a user in navigating through a performance of a task, the task including a plurality of sub-tasks* (Abstract), *the system comprising:*

- *a graphical user interface* (column 5, line 52 – column 6, line 12) *comprising:*
 - *a list of two or more sub-tasks associated with the task* (column 6, lines 13 – 30 and 58 – 65), *the list including for each sub-task an identifier and a datum corresponding to a parameter* (column 10, lines 13 – 33); *and*
 - *two or more panels, each panel associated with a respective sub-task in the list* (Fig. 13A);
- *a task performance component* (column 5, line 52 – column 6, line 12) *configured to:*
 - *control a presentation of the two or more panels in the graphical user interface* (column 6, lines 53 – 57);

Art Unit: 2179

- *for each of the two or more sub-tasks in the list, enable a user to perform the sub-task by entering information into the respective panel associated with the sub-task as the sub-task is presented (column 10, lines 13 – 33);*
- *detect information entered by the user in a panel associated with a sub-task (column 10, lines 13 – 33);*
- *determine a change in a datum corresponding to a parameter of the sub-task based on the information entered in the panels associated with the sub-task (column 10, lines 13 – 33);*
- *dynamically determine a new sub-task that is required to be performed by a user to complete a task, the new sub-task being determined based on a change in datum corresponding to a parameter of the sub-task and automatically updating the list to include the new sub-task (column 3, lines 1 – 31).*

Messinger does not explicitly disclose that based on the information entered by the user in the panel associated with the sub-task, determine a change in a datum corresponding to a parameter of another sub-task, and automatically update the list to update the datum of the other sub-task.

However, in an analogous art, Bach discloses that *based on the information entered by a user in the panel associated with a sub- task, determine a change in a datum corresponding to a parameter of another sub-task, and automatically update the list to update the datum of the other sub-task (column 9, lines 13 – 18 and column 10, lines 25 – 30).*

In addition, it is of note that Back also discloses *dynamically determining a new sub-task that is required to be performed by a user to complete a task, the new sub-task being determined*

Art Unit: 2179

based on a change in datum corresponding to a parameter of the sub-task and automatically updating the list to include the new sub-task (column 10, lines 25 – 30), wherein steps of a task guide sufficiently correspond to sub tasks, further wherein it has been interpreted that is components of a subsequent step are based on preceding steps, then these subsequent steps sufficiently serve as new dynamically determined steps. The subsequent steps are considered new, because up until the receipt of datum corresponding to parameters of a preceding step, the subsequent step cannot actually be defined, and thus upon the receipt of said datum, said subsequent step becomes a newly defined step that upon being defined is thus also automatically and dynamically included within the task guide.

Both Messinger and Bach pertain to the analogous art of wizard interfaces for performing tasks (Messinger, column 2, lines 4 – 18 and Bach, Abstract), and thus one would look to the other for possible improvements or variations to their respective inventions. In addition, Messinger discloses that a “step of displaying task indications includes a step of dynamically changing the list of task indications as a function of the selectable graphical areas being displayed in the GUI window” (column 3, lines 21 – 24). Therefore, it would be obvious that Messinger would look to analogous such art as that of Bach to implement possible variations to the ability of dynamically changing the list of tasks, because Messinger also discloses that such analogous use of context-sensitive help is well known in the art of task-guidance applications such as wizards (column 1, lines 33 – 36), wherein the ability to dynamically contextually update the list would provide the obvious benefit of keeping the user current as to the determined results of use the wizard that have contextually related effects. Thus, it would have been obvious to one

Art Unit: 2179

of ordinary skill in the art at the time of invention to combine the teachings of Messinger and Bach.

Messinger and Bach do not explicitly disclose enabling the user to perform the two or more sub-tasks in a temporal order that is independent of a positional order in which the two or more sub-tasks are listed in the list.

However, in an analogous art, Botscheck discloses *enabling a user to perform two or more sub-tasks in a temporal order that is independent of a positional order in which the two or more sub-tasks are listed in a list* (column 2, lines 31 – 43; column 3, lines 24 – 31; and column 10, lines 49 – 63).

Messinger, Bach, and Botscheck all pertain to the analogous art of wizard interfaces for performing tasks (Messinger, column 2, lines 4 – 18; Bach, Abstract; Botscheck, column 1, lines 14 – 17), and thus one would look to the other for possible improvements or variations to their respective inventions. In addition Botscheck discloses that such needed improvements relate to information overload (Botscheck, column 1, lines 32 – 38) as well as to the possibility of a user being presented with a large variety of applications and information which may not be relevant to the particular task the user is performing (Botscheck, column 1, lines 50 – 55). Therefore, allowing users the possibility of performing tasks in an order-independent manner would overcome this difficulty by allowing a user to only perform the tasks needed, or to perform the tasks in a more desirable or relevant order, thus providing an obvious benefit to Messinger and Bach. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to combine the teachings of Messinger, Bach, and Botscheck.

As per independent claim 11, the claim is substantially similar to the system of claim 1, except that it is directed to a *computer-implemented method* of executing the system of claim 1. However, Messinger discloses a computer-implemented method of executing the system of claim 1 (Abstract). Therefore, claim 11 is rejected on the same grounds as claim 1.

As per independent claim 21, the claim is substantially similar to the system of claim 1, except that the system includes a *means for displaying*, within at least one of the items, information corresponding to the sub-task represented by the at least one item. However, Messinger discloses a means for displaying, within at least one of the items, information corresponding to the sub-task represented by the at least one item (column 5, line 52 – column 6, line 12), where the means for displaying is the displayed GUI. Furthermore, a *means for operating, changing and updating* is provided through the computer controlling the system (Abstract). Therefore, the rest of claim 21 is rejected on the same grounds as claim 1.

As per independent claim 22, the claim is substantially similar to the system of claim 1, except that it is directed to a *computer-readable medium* for executing the methods of the system of claim 1. However, Messinger discloses a computer-readable medium for executing the methods of the system of claim 1 (Abstract). Therefore, claim 22 is rejected on the same grounds as claim 1.

As per claim 2, and taking into account the rejection of claim 1, Messinger further discloses that *the list is operable, for each of the two or more sub-tasks in the list, to control a display of the information entered by the user in the respective panel of the sub-task represented by the item* (column 10, lines 13 – 33), wherein it further would have been obvious to combine

Art Unit: 2179

the teachings of Messinger, Bach, and Botscheck for the same reasons as disclosed in the rejection of claim 1, *supra*.

As per claim 4, and taking into account the rejection of claim 1, Messinger further discloses that *the list is operable to enable the user to perform the two or more of the sub-tasks in a temporal order in which the user selects the two or more sub-tasks from the list* (column 6, lines 13 – 24), wherein it further would have been obvious to combine the teachings of Messinger, Bach, and Botscheck for the same reasons as disclosed in the rejection of claim 1, *supra*.

As per claim 6, and taking into account the rejection of claim 1, Bach further discloses that *the task performance component is operable to determine one or more of the sub-tasks required to perform the task based on information entered by the user in the respective panels of at least one of the two or more sub-tasks* (column 10, lines 25 – 30), wherein it further would have been obvious to combine the teachings of Messinger, Bach, and Botscheck for the same reasons as disclosed in the rejection of claim 1, *supra*.

As per claim 8, and taking into account the rejection of claim 1, Bach further discloses that *the task performance component is operable, in the event that information already has been entered by the user for a first sub-task, to determine that the first sub-task is no longer to be included in the list and to control notifying the user that confirming an acceptance of the information entered in the first panel will result in the information entered for the second sub-task being discarded* (column 9, lines 4 – 26), wherein it further would have been obvious to combine the teachings of Messinger, Bach, and Botscheck for the same reasons as disclosed in the rejection of claim 1, *supra*.

Art Unit: 2179

As per claim 9, and taking into account the rejection of claim 1, Messinger further discloses *performing the task of creating one or more rules of an access control sub-task list for a network device* (column 4, line 58 – column 5, line 6), wherein it further would have been obvious to combine the teachings of Messinger, Bach, and Botscheck for the same reasons as disclosed in the rejection of claim 1, *supra*.

As per claim 10, and taking into account the rejection of claim 1, Messinger further discloses that *the list is operable to vertically orient the list on the graphical user interface* (Fig. 13A), wherein it further would have been obvious to combine the teachings of Messinger, Bach, and Botscheck for the same reasons as disclosed in the rejection of claim 1, *supra*.

As per claim 12, and taking into account the rejection of the method of claim 11, the claim is rejected on the same grounds as claim 2.

As per claim 14, and taking into account the rejection of the method of claim 11, the claim is rejected on the same grounds as claim 4.

As per claim 16, and taking into account the rejection of the method of claim 11, the claim is rejected on the same grounds as claim 6.

As per claim 18, and taking into account the rejection of the method of claim 17, the claim is rejected on the same grounds as claim 8.

As per claim 19, and taking into account the rejection of the method of claim 11, the claim is rejected on the same grounds as claim 9.

As per claim 20, and taking into account the rejection of the method of claim 11, the claim is rejected on the same grounds as claim 10.

Art Unit: 2179

As per claim 23, and taking into account the rejection of the computer-readable medium of claim 22, the claim is rejected on the same grounds as claim 2.

As per claim 25, and taking into account the rejection of the computer-readable medium of claim 22, the claim is rejected on the same grounds as claim 4.

As per claim 27, and taking into account the rejection of the computer-readable medium of claim 22, the claim is rejected on the same grounds as claim 6.

As per claim 29, and taking into account the rejection of the computer-readable medium of claim 28, the claim is rejected on the same grounds as claim 8.

As per claim 30, and taking into account the rejection of the computer-readable medium of claim 22, the claim is rejected on the same grounds as claim 9.

As per claim 31, and taking into account the rejection of the computer-readable medium of claim 22, the claim is rejected on the same grounds as claim 10.

As per claim 32, and taking into account the rejection of claim 1, Botschek further discloses that *the other sub-task is located higher than the sub-task in the positional order in which the two or more sub-tasks are listed in the list* (column 2, lines 31 – 43; column 3, lines 24 – 31; and column 10, lines 49 – 63), wherein it further would have been obvious to combine the teachings of Messinger, Bach, and Botscheck for the same reasons as disclosed in the rejection of claim 1, *supra*.

As per claim 33, and taking into account the rejection of claim 1, Botschek further discloses that *the other sub-task is located lower than the sub-task in the positional order in which the two or more sub-tasks are listed in the list* (column 2, lines 31 – 43; column 3, lines 24 – 31; and column 10, lines 49 – 63), wherein it further would have been obvious to combine the

Art Unit: 2179

teachings of Messinger, Bach, and Botscheck for the same reasons as disclosed in the rejection of claim 1, *supra*.

Response to Arguments

6. Applicant's arguments filed on 4/9/2009 have been fully considered, but they are moot in view of new grounds of rejection necessitated by amendment.

Conclusion

7. It is noted that any citation to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the references should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. In re Heck, 699 F.2d 1331, 1332-33, 216 USPQ 1038, 1039 (Fed. Cir. 1983) (quoting In re Lemelson, 397 F.2d 1006, 1009, 158 USPQ 275, 277 (CCPA 1968)).

8. ***The prior art made of record and not relied upon is considered pertinent to the applicant's disclosure. The cited documents represent the general state of the art.***

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric A. Wiener whose telephone number is 571-270-1401. The examiner can normally be reached on Monday through Thursday from 9am to 5pm.

Art Unit: 2179

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo, can be reached on 571-272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Eric Wiener/

Examiner, Art Unit 2179

/Ba Huynh/

Primary Examiner, Art Unit 2179